



Complex Light and Optical Forces XII

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Complex Light and Optical Forces XII

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Generation of fractal structured eigenmodes from lasers ([/conference-proceedings-of-spie/10549/105490B/Generation-of-fractal-structured-eigenmodes-from-lasers-10.1117/12.2291019.full](#))

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SPIN-ORBIT COMPLEX LIGHT

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Spectral anomaly of ultrashort vortex pulses with axially oscillating twist ([/conference-proceedings-of-spie/10549/105490F/Spectral-anomaly-of-ultrashort-vortex-pulses-with-axially-oscillating-twist/10.1117/12.2287369.full](#))

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Experimental demonstration of broadband generation of optical vortices using asymmetrically spliced fibers ([/conference-proceedings-of-spie/10549/105490J/Experimental-demonstration-of-broadband-generation-of-optical-vortices-using-asymmetrically-10.1117/12.2290349.full](#))

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Realization of the spin-dependent manipulation of structured light by tailoring the polarization ([/conference-proceedings-of-spie/10549/105490K/Realization-of-the-spin-dependent-manipulation-of-structured-light-by-10.1117/12.2289194.full](#))

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Polarization state vector beam spectrum analyzer using q-plates encoded onto a spatial light modulator ([/conference-proceedings-of-spie/10549/105490L/Polarization-state-vector-beam-spectrum-analyzer-using-q-plates-encoded/10.1117/12.2291972.full](#))
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Determination of the topological charge of complex light beams by shearing interference from a wedged optical flat ([/conference-proceedings-of-spie/10549/105490M/Determination-of-the-topological-charge-of-complex-light-beams-by/10.1117/12.2291188.full](#))
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Proc. SPIE 10549, Thermodynamics of radiation pressure and photon momentum (Part 2), 105490X (22 February 2018); doi: 10.1117/12.2286300

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CHIRALITY IN LIGHT AND MATTER

Chiroptical interactions between twisted light and chiral media ([/conference-proceedings-of-spie/10549/1054915/Chiroptical-interactions-between-twisted-light-and-chiral-media/10.1117/12.2290134.full](#))

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SPIN-ORBIT CONTROL

Pancharactnam-Berry phase used for realizing spin-dependent propagation and polarization measurement ([/conference-proceedings-of-spie/10549/105491A/Pancharactnam-Berry-phase-used-for-realizing-spin-dependent-propagation-and/10.1117/12.2286224.full](#))
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